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Search Results -

Terms	Documents
L14 and L13	3

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L15

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Search History

DATE: Tuesday, January 11, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L15	L14 and L13	3	L15
L14	707/1,103R,103Y.ccls.	4739	L14
L13	L12 and (type$ or subtype$)	10	L13
L12	L11 and (quer$ or search$)	10	L12
L11	L10 and cache$	10	L11
L10	L7 and (stor$ same application!)	18	L10
L9	L7 and (transaction! near5 flush)	1	L9
L8	L7 and (creat$ near5 data same source)	1	L8
L7	L1 and java	22	L7
L6	L5 and L2	1	L6
L5	L4 and L3	3	L5
L4	(manag$ same persistent near3 object$ same framework).clm.	5	L4
L3	(manag$ same persistent near3 object$ same framework).ab.	9	L3
L2	(manag$ same persistent near3 object$ same framework).ti.	2	L2

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20030163439 A1

Using default format because multiple data bases are involved.

L15: Entry 1 of 3 File: PGPB Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163439
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030163439 A1

TITLE: System and method for providing a persistent object framework for managing persistent objects

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hankin, Keith	Palo Alto	CA	US	
Chu, Ching-Wen Alan	Santa Clara	CA	US	
Mallayarupu, Nirupama	Santa Clara	CA	US	
Kong, James	Santa Clara	CA	US	

US-CL-CURRENT: 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 6418448 B1

L15: Entry 2 of 3 File: USPT Jul 9, 2002

US-PAT-NO: 6418448
DOCUMENT-IDENTIFIER: US 6418448 B1

TITLE: METHOD AND APPARATUS FOR PROCESSING MARKUP LANGUAGE SPECIFICATIONS FOR DATA AND METADATA USED INSIDE MULTIPLE RELATED INTERNET DOCUMENTS TO NAVIGATE, QUERY AND MANIPULATE INFORMATION FROM A PLURALITY OF OBJECT RELATIONAL DATABASES OVER THE WEB

DATE-ISSUED: July 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sarkar; Shyam Sundar	San Mateo	CA	94403	

h e b b g e e e f e b ef b e

US-CL-CURRENT: 707/104.1; 707/1, 707/100, 707/101, 707/103R, 709/203, 709/229

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 3. Document ID: US 6351751 B1

L15: Entry 3 of 3 File: USPT Feb 26, 2002

US-PAT-NO: 6351751
DOCUMENT-IDENTIFIER: US 6351751 B1

TITLE: Persistent storage managers for configuring client/server environments

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Traversat; Bernard A.	San Francisco	CA		
Schmidt; Jeffrey A.	Boulder Creek	CA		
Saulpaugh; Thomas	San Jose	CA		
Woodward; Steve	Boca Raton	FL		
Tracey; William J.	Round Rock	TX		

US-CL-CURRENT: 707/103Y; 709/220

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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Terms	Documents
L14 and L13	3

Display Format: - Change Format

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Complex objects in the temporal object system

Fotouhi, F. Shah, A.A. Grosky, W.
Dept. of Comput. Sci., Wayne State Univ., Detroit, MI, USA;

This paper appears in: **Computing and Information, 1992. Proceedings. Fourth International Conference on**

Meeting Date: 05/28/1992 - 05/30/1992
Publication Date: 28-30 May 1992
Location: Toronto, Ont. Canada
On page(s): 381 - 384
Reference Cited: 11
Inspec Accession Number: 4372887

Abstract:
In many engineering applications, changes to the state and/or structure of an needs to be maintained over a period of time. Existing object-oriented data m such changes in the state (referred to as version management) and structure as schema evolution) of an object. However, when the structure changes, the structure is replaced by the new one. The authors propose a temporal object (TOS) which maintains changes to both the structure and the state of an obje in this system are referred to as temporal objects and are allowed to evolve o The authors discuss how to extend TOS in order to construct complex tempor from an aggregation of temporal objects

Index Terms:
object-oriented databases temporal databases complex objects engineering applicat oriented data models schema evolution temporal object system version managemen

Documents that cite this document
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Types and persistence in database programming languages

Full text Pdf (7.91 MB)

Source **ACM Computing Surveys (CSUR)** archive
Volume 19 , Issue 2 (June 1987) table of contents
Pages: 105 - 170
Year of Publication: 1987
ISSN:0360-0300

Authors Malcolm P. Atkinson Univ. of Glasgow, Glasgow, Scotland
O. Peter Buneman Univ. of Pennsylvania, Philadelphia

Publisher ACM Press New York, NY, USA

↑ ABSTRACT

Traditionally, the interface between a programming language and a database has either been through a set of relatively low-level subroutine calls, or it has required some form of embedding of one language in another. Recently, the necessity of integrating database and programming language techniques has received some long-overdue recognition. In response, a number of attempts have been made to construct programming languages with completely integrated database management systems. These languages, which we term *database programming languages*, are the subject of this review. The design of these languages is still in its infancy, and the purpose of writing this review is to identify the areas in which further research is required. In particular, we focus on the problems of providing a uniform type system and mechanisms for data to persist. Of particular importance in solving these problems are issues of polymorphism, type inheritance, object identity, and the choice of structures to represent sets of similar values. Our conclusion is that there are areas of programming language research—modules, polymorphism, persistence, and inheritance—that must be developed and applied to achieve the goal of a useful and consistent database programming language. Other research areas of equal importance, such as implementation, transaction handling, and concurrency, are not examined here in any detail.

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

1 Alfred V. Aho , Jeffrey D. Ullman, Universality of data retrieval languages, Proceedings of the 6th ACM SIGACT-SIGPLAN symposium on Principles of programming languages, p.110-119, January 29-

Transaction management in an object-oriented database system

Full text Pdf (1.28 MB)

Source **International Conference on Management of Data** archive
Proceedings of the 1988 ACM SIGMOD international conference on Management of data table of contents
Chicago, Illinois, United States
Pages: 37 - 45
Year of Publication: 1988
ISSN:0163-5808
Also published in ...

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Won Kim Microelectronics and Computer Technology Corporation, 3500 West Balcones Center Drive, Austin, Texas

Sponsor SIGMOD: ACM Special Interest Group on Management of Data

Publisher ACM Press New York, NY, USA

↑ ABSTRACT

In this paper, we describe transaction management in ORION, an object-oriented database system. The application environments for which ORION is intended led us to implement the notions of sessions of transactions, and hypothetical transactions (transactions which always abort). The object-oriented data model which ORION implements complicates locking requirements. ORION supports a concurrency control mechanism based on extensions to the current theory of locking, and a transaction recovery mechanism based on conventional logging.

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

AFSA86 Afsarmanesh, H. Knapp, D, McLeod, D, and Parker, AAn Object-Oriented Approach to VLSIICAD," in Proc Intl Conf on Very Large Data Bases, August 1985, Stockholm, Sweden

AHLS84 Matts Ahlsen , Anders Bjornerstedt , Stefan Britts , Christer Hulten , Lars Soderlund, An architecture for object management in OIS, ACM Transactions on Information Systems (TOIS), v.2 n.3, p.173-196, July 1984

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